

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002218.D
 Acq On : 01 Jun 2018 18:09
 Operator : JC/MD
 Sample : VX0601WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:33 PM

Quant Time: Jun 02 03:42:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164402	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	5.51	113	122332	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
50) Toluene-d8	8.72	98	466754	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	174478	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40356	15.053	ug/l	100
3) Chloromethane	1.32	50	51286	17.029	ug/l	97
4) Vinyl Chloride	1.40	62	54724	18.819	ug/l	97
5) Bromomethane	1.64	94	34276	25.128	ug/l	99
6) Chloroethane	1.73	64	36098	21.057	ug/l	98
7) Trichlorofluoromethane	1.93	101	94383	21.612	ug/l	98
8) Diethyl Ether	2.19	74	37404	23.606	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55612	22.821	ug/l	96
10) Methyl Iodide	2.51	142	61214	18.565	ug/l	97
11) Tert butyl alcohol	3.07	59	84320	122.770	ug/l	98
12) 1,1-Dichloroethene	2.37	96	47201	20.688	ug/l	93
13) Acrolein	2.29	56	22433	75.544	ug/l	99
14) Allyl chloride	2.73	41	102157	21.331	ug/l	96
15) Acrylonitrile	3.15	53	166770	118.080	ug/l	99
16) Acetone	2.45	43	170175	126.024	ug/l	99
17) Carbon Disulfide	2.57	76	102152	15.557	ug/l	100
18) Methyl Acetate	2.78	43	86522	26.054	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	199020	23.193	ug/l	100
20) Methylene Chloride	2.86	84	57818	23.857	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	51900	22.497	ug/l	97
22) Diisopropyl ether	3.87	45	194436	19.960	ug/l	95
23) Vinyl Acetate	3.82	43	897921	111.173	ug/l	98
24) 1,1-Dichloroethane	3.70	63	107196	23.165	ug/l	98
25) 2-Butanone	4.71	43	230468	93.121	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74572	15.921	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	55002	18.487	ug/l	95
28) Bromochloromethane	5.03	49	47935	23.572	ug/l	99
29) Tetrahydrofuran	5.17	42	146604	91.046	ug/l	99
30) Chloroform	5.22	83	97581	18.717	ug/l	98
31) Cyclohexane	5.57	56	82898	17.195	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	82046	16.881	ug/l	98
36) 1,1-Dichloropropene	5.80	75	69107	18.240	ug/l	99
37) Ethyl Acetate	4.87	43	87212	17.657	ug/l	100
38) Carbon Tetrachloride	5.79	117	70053	15.856	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86491	18.582	ug/l	96
40) Benzene	6.15	78	211151	19.023	ug/l	97
41) Methacrylonitrile	5.06	41	50957	18.697	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85752	19.341	ug/l	100
43) Isopropyl Acetate	6.47	43	146502	17.801	ug/l	99
44) Trichloroethene	7.21	130	59608	18.429	ug/l	95
45) 1,2-Dichloropropane	7.52	63	57901	19.208	ug/l	99
46) Dibromomethane	7.67	93	38099	19.090	ug/l	98
47) Bromodichloromethane	7.90	83	67073	15.762	ug/l	99
48) Methyl methacrylate	7.78	41	75049	17.917	ug/l	98
49) 1,4-Dioxane	7.76	88	27867	377.532	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	479849	96.720	ug/l	99
52) Toluene	8.79	92	135699	19.210	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	82109	16.753	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	74933	15.690	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56883	19.276	ug/l	98
56) Ethyl methacrylate	9.18	69	87644	17.267	ug/l	96
57) 1,3-Dichloropropane	9.38	76	95929	19.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	193868	86.175	ug/l	100
59) 2-Hexanone	9.50	43	366208	95.730	ug/l	98
60) Dibromochloromethane	9.59	129	53322	15.255	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58634	18.936	ug/l	100
64) Tetrachloroethene	9.34	164	68085	18.682	ug/l	98
65) Chlorobenzene	10.14	112	154800	19.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54416	16.733	ug/l	99
67) Ethyl Benzene	10.26	91	262460	18.758	ug/l	99
68) m/p-Xylenes	10.37	106	202622	37.883	ug/l	100
69) o-Xylene	10.70	106	100226	18.767	ug/l	99
70) Styrene	10.72	104	161641	18.250	ug/l	99
71) Bromoform	10.86	173	38811	12.586	ug/l #	97
73) Isopropylbenzene	11.02	105	272272	19.083	ug/l	99
74) N-amyl acetate	6.47	43	146502	17.760	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83012	20.527	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83239m	20.568	ug/l	
77) Bromobenzene	11.26	156	73435	19.399	ug/l	95
78) n-propylbenzene	11.37	91	306093	19.155	ug/l	99
79) 2-Chlorotoluene	11.43	91	183929	19.580	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	231126	18.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21214	12.599	ug/l #	83
82) 4-Chlorotoluene	11.51	91	213605	18.953	ug/l	99
83) tert-Butylbenzene	11.77	119	223271	18.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	235560	18.695	ug/l	100
85) sec-Butylbenzene	11.95	105	278922	19.392	ug/l	99
86) p-Isopropyltoluene	12.07	119	247098	19.199	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	132581	19.557	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	131928	19.465	ug/l	99
89) n-Butylbenzene	12.39	91	209679	19.227	ug/l	99
90) Hexachloroethane	12.60	117	33768	13.301	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	134980	19.542	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17235	13.587	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95657	19.367	ug/l	99
94) Hexachlorobutadiene	13.79	225	52470	19.749	ug/l	98
95) Naphthalene	13.84	128	285960	18.792	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99713	19.511	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

